

1/32

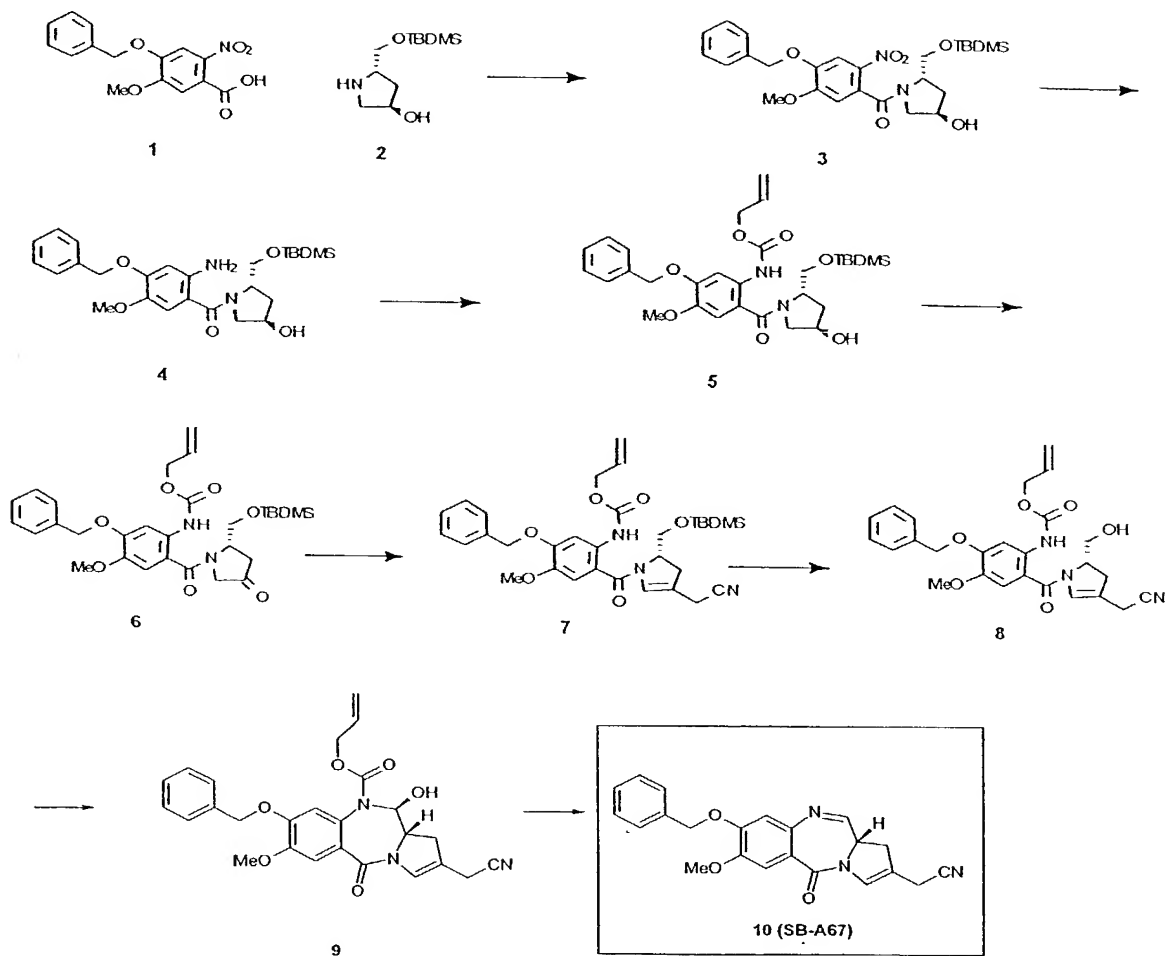


Figure 1

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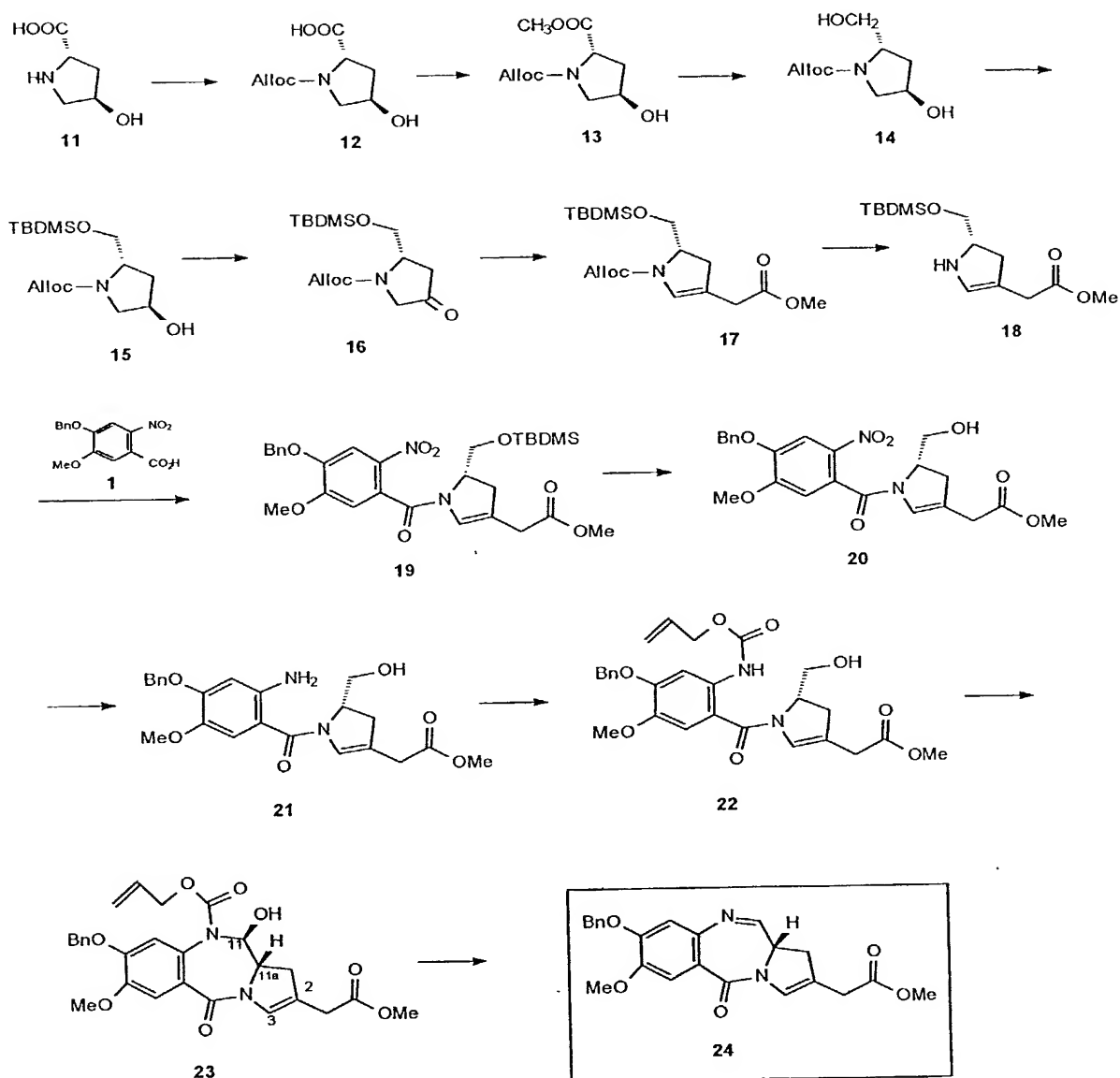


Figure 2

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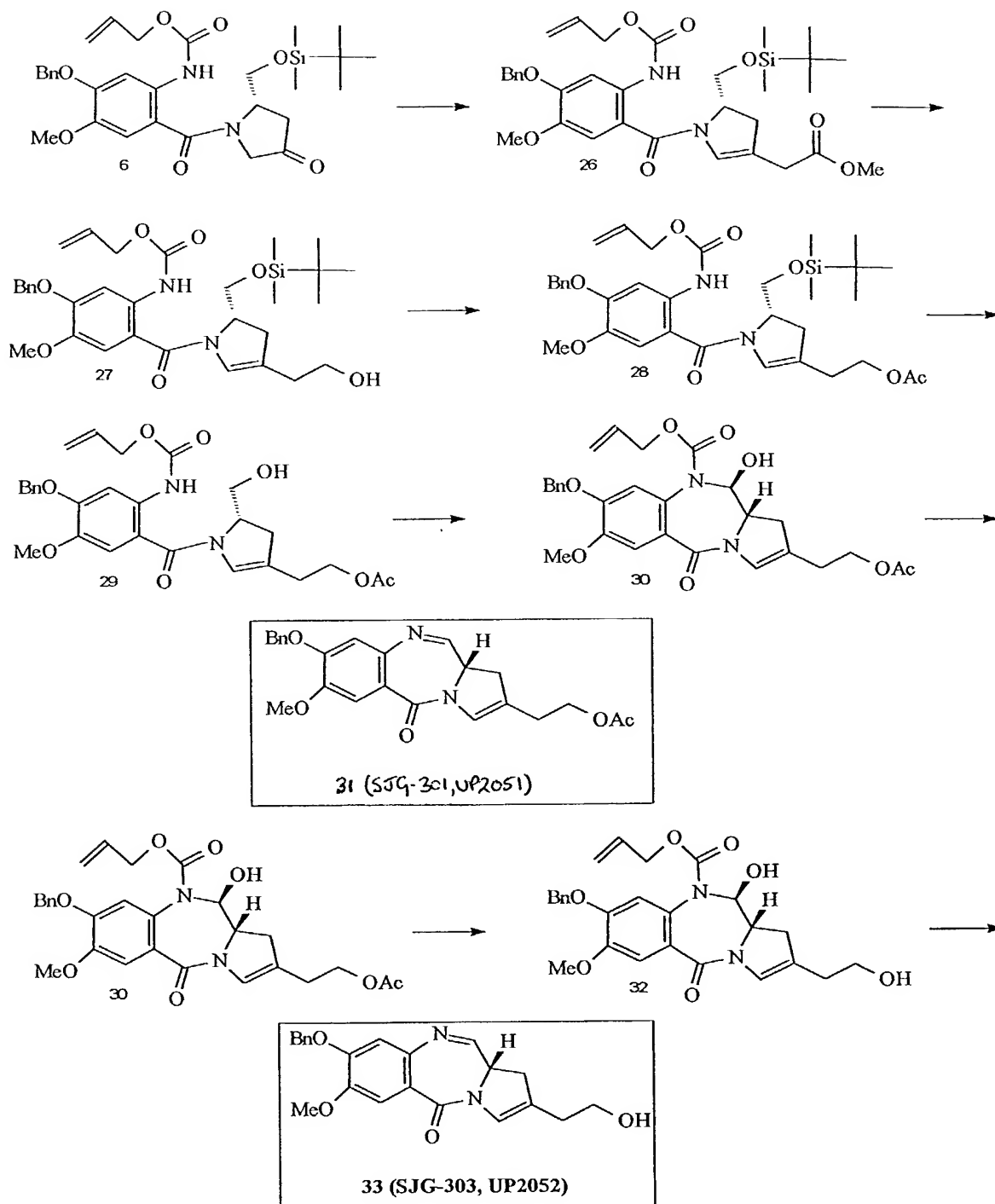


Figure 3



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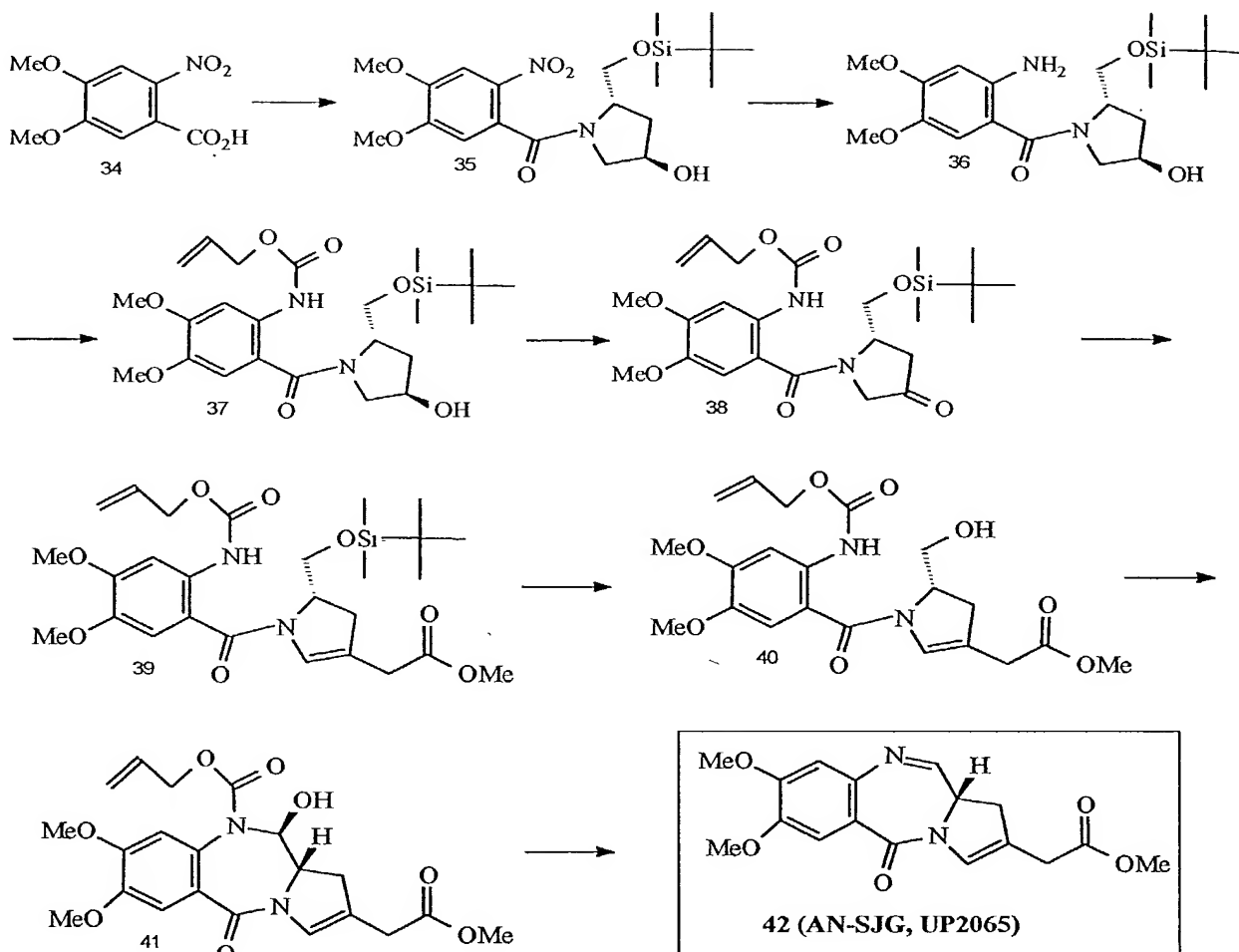


Figure 4



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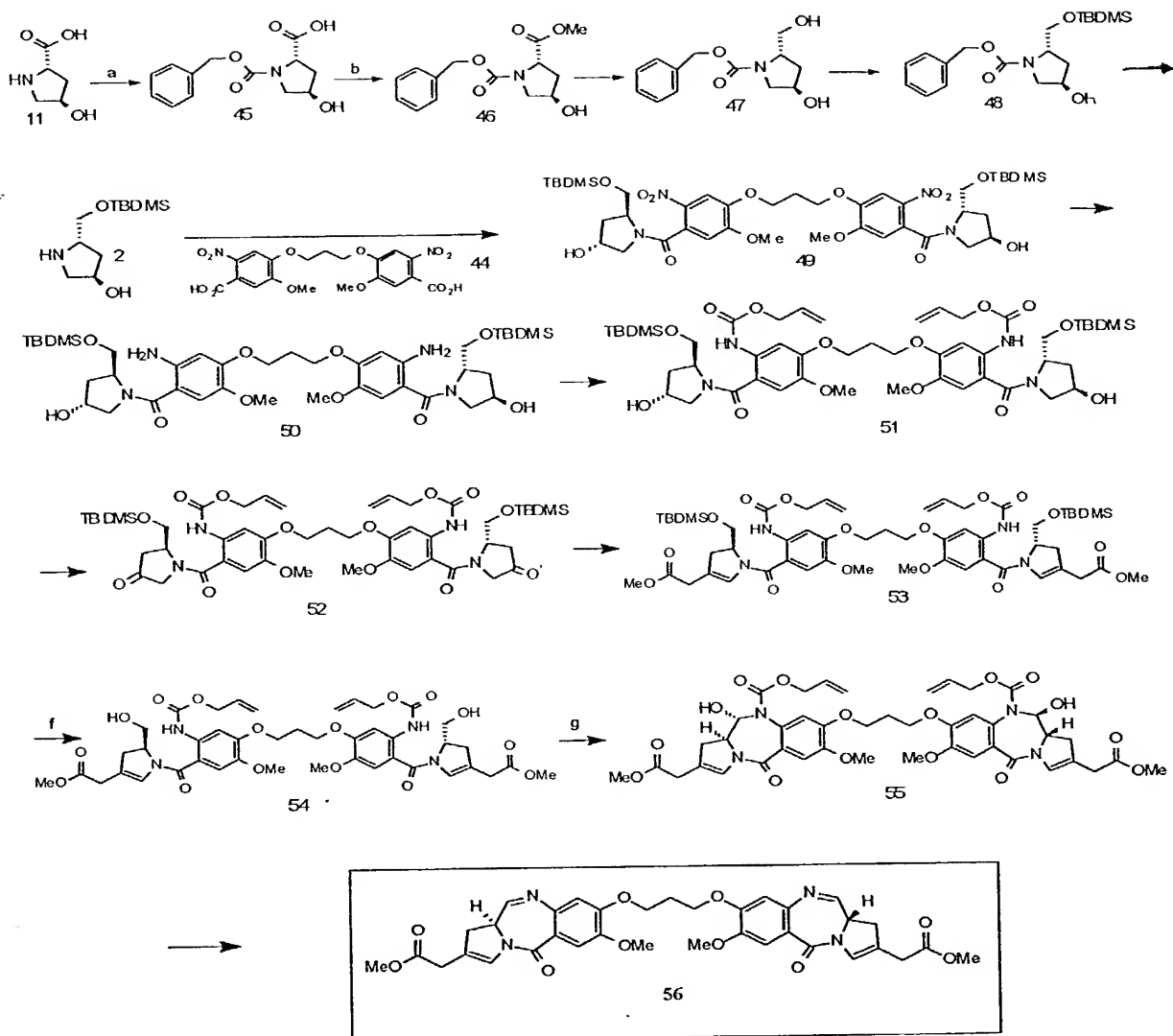


Figure 5

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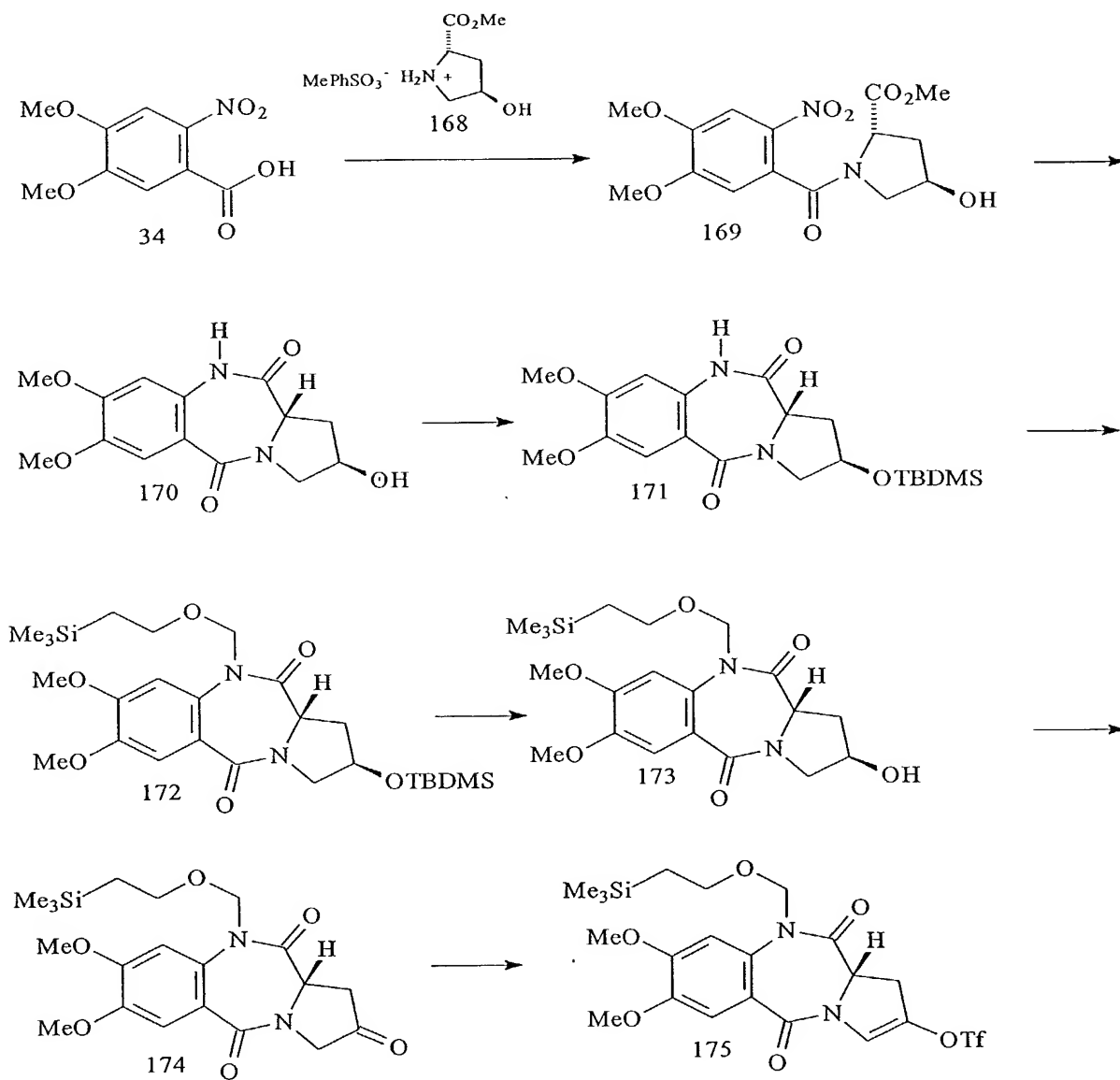


Figure 6a

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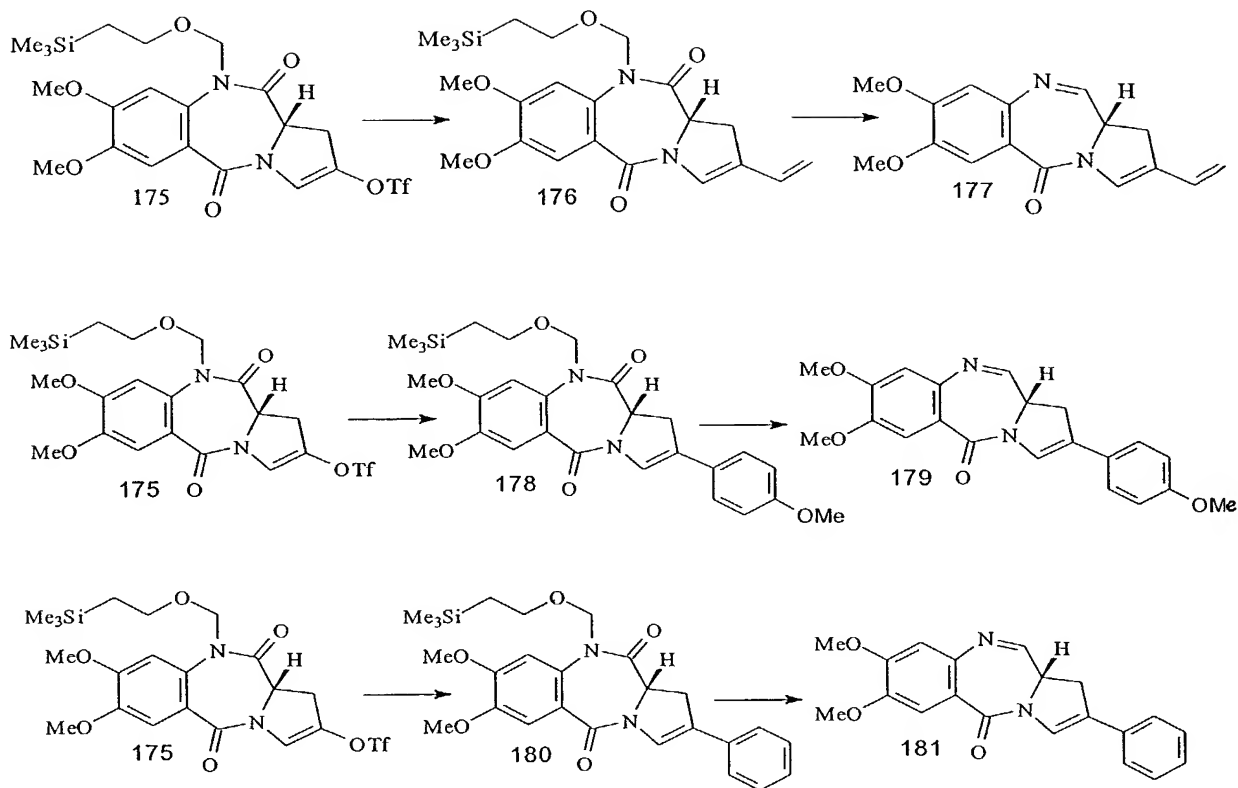


Figure 6b

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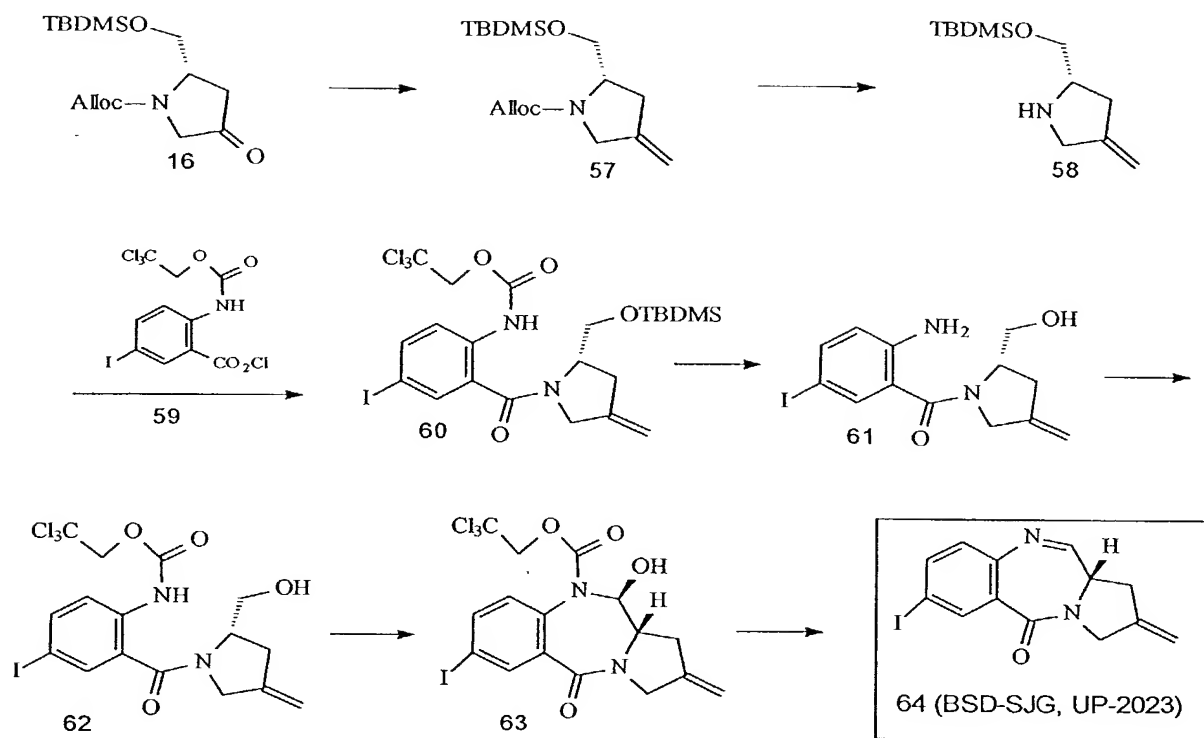


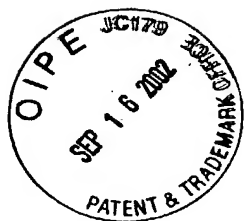
Figure 7



The reaction scheme illustrates the synthesis of compound 70 from compound 1. The sequence of steps is as follows:

- Compound 1 (3-bromo-4-methoxy-2-nitrobenzoic acid) is converted to compound 65 (3-bromo-4-methoxy-2-nitro-N-(4-methyl-2-oxo-1,3-dioxol-5-yl)benzamide).
- Compound 65 is converted to compound 66 (3-bromo-4-methoxy-2-nitro-N-(4-methyl-2-hydroxy-1,3-dioxol-5-yl)benzamide).
- Compound 66 is converted to compound 67 (3-bromo-4-methoxy-2-amino-N-(4-methyl-2-hydroxy-1,3-dioxol-5-yl)benzamide).
- Compound 67 is converted to compound 68 (3-bromo-4-methoxy-2-((2-allyloxy-1,3-dioxol-5-yl)amino)-N-(4-methyl-2-hydroxy-1,3-dioxol-5-yl)benzamide).
- Compound 68 is converted to compound 69 (3-bromo-4-methoxy-2-((2-allyloxy-1,3-dioxol-5-yl)amino)-N-(4-methyl-2-hydroxy-1,3-dioxol-5-yl)benzamide).
- Compound 69 is converted to compound 70 (3-bromo-4-methoxy-2-((2-allyloxy-1,3-dioxol-5-yl)amino)-N-(4-methyl-2-hydroxy-1,3-dioxol-5-yl)benzamide).

Figure 8



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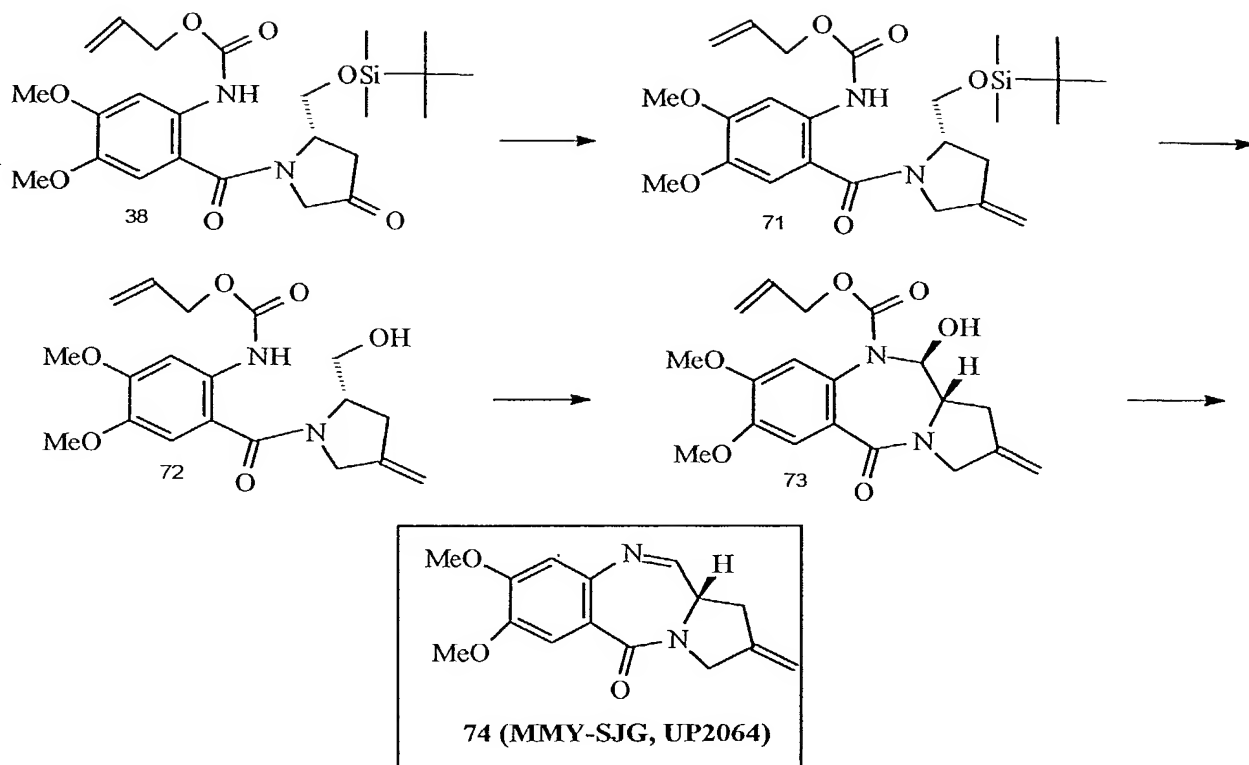


Figure 9

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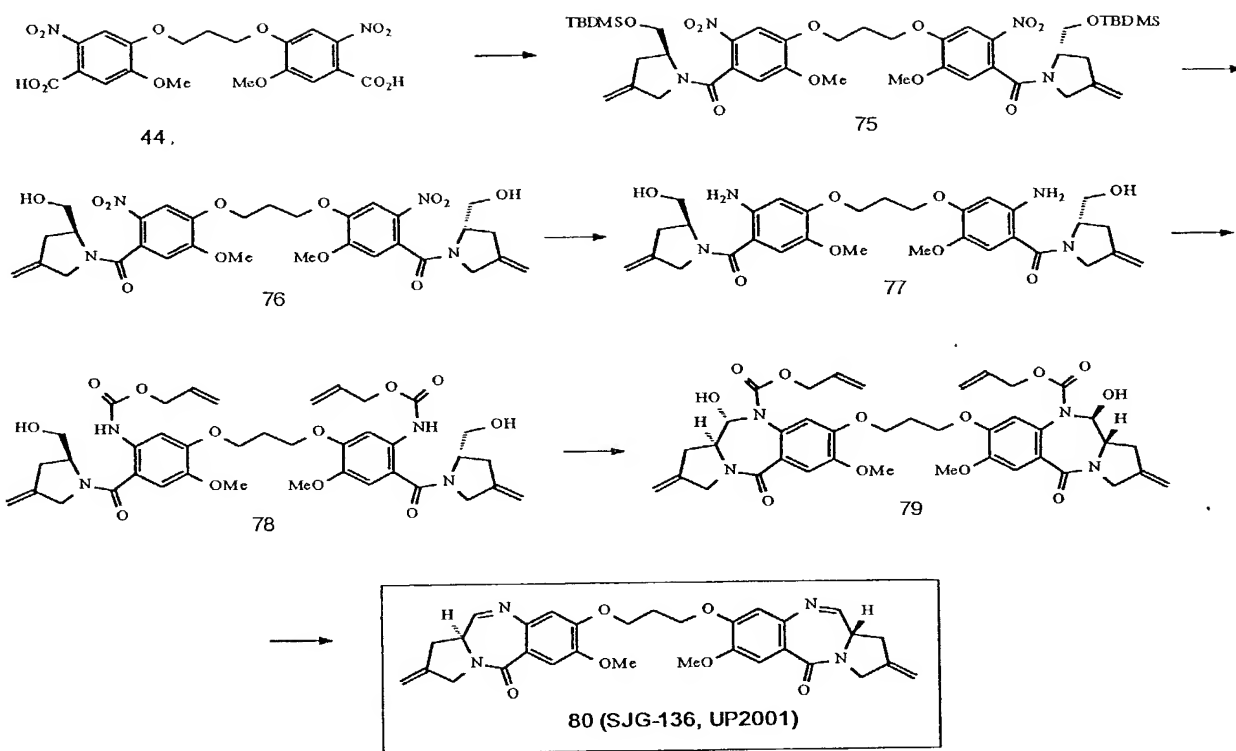


Figure 10

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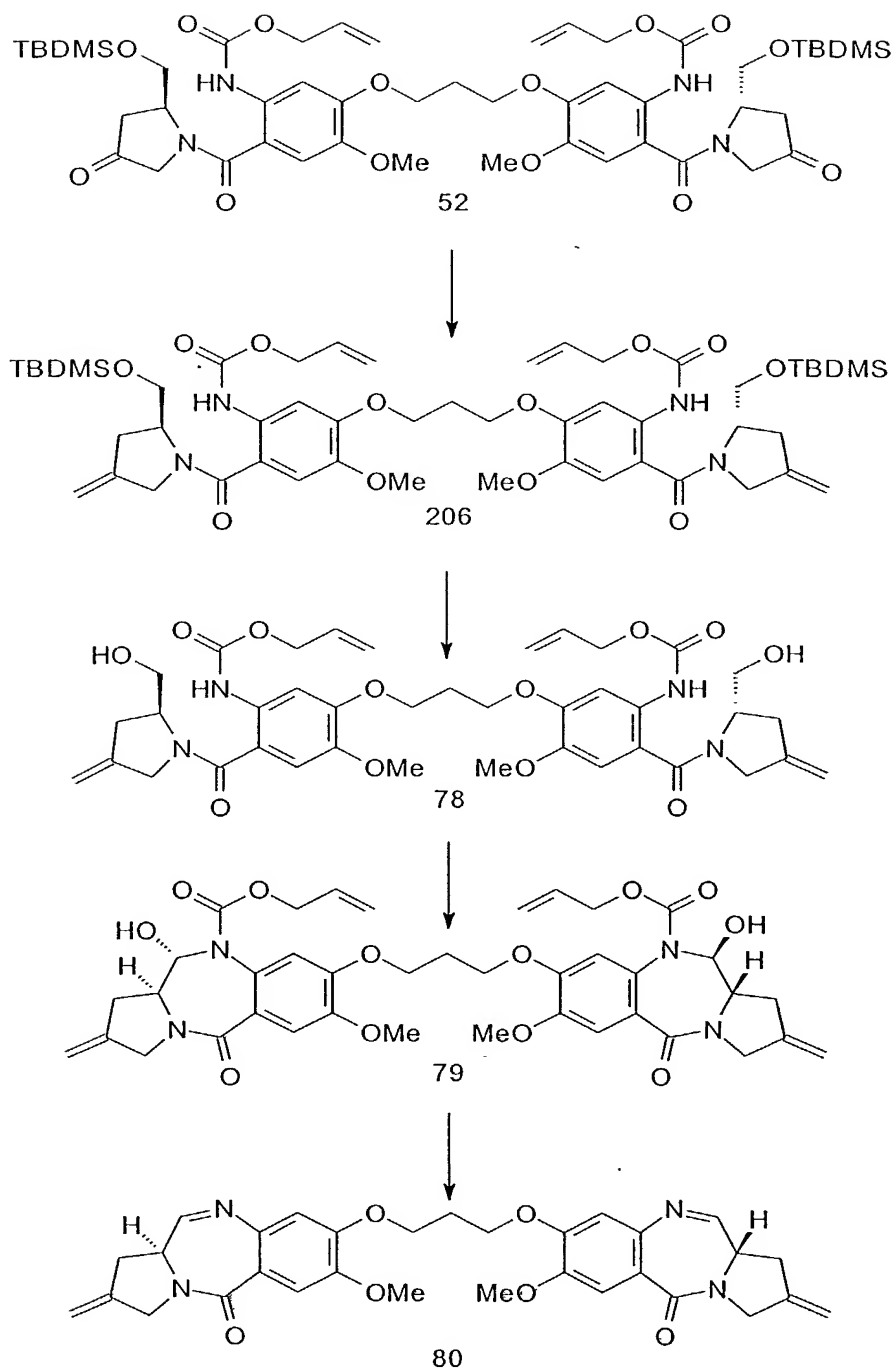
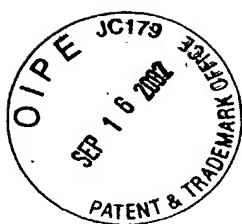


Figure 11



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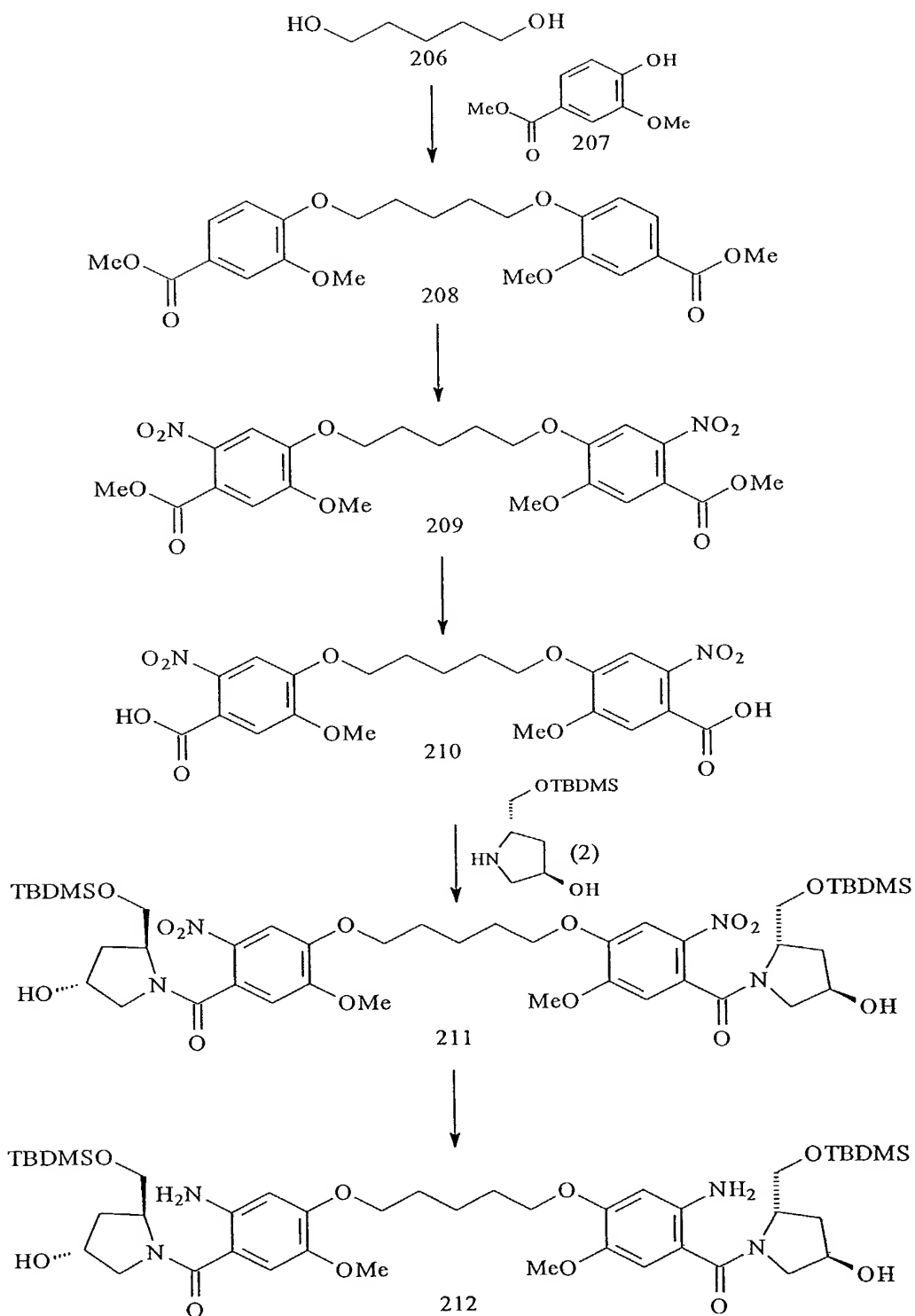
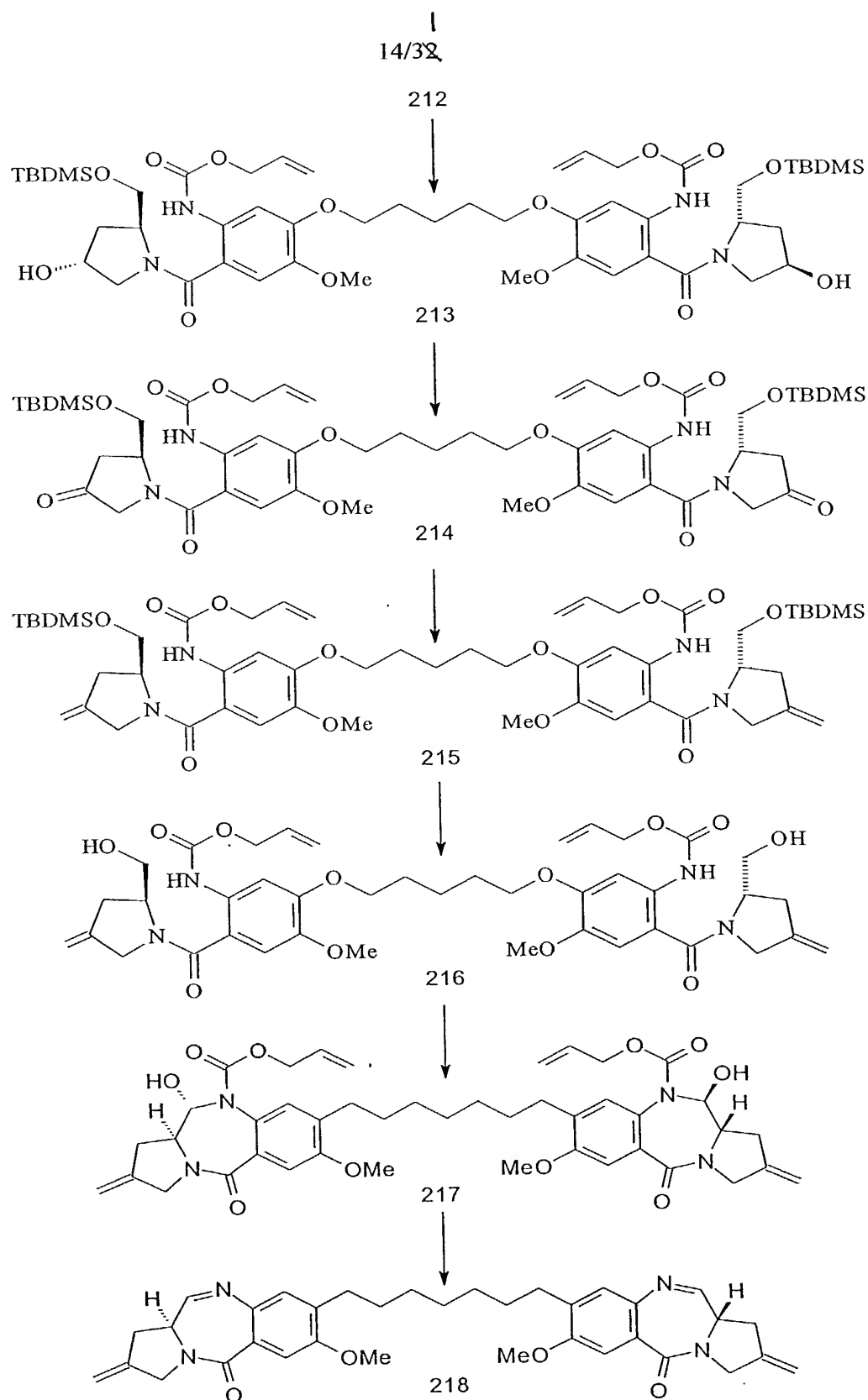


Figure 12a



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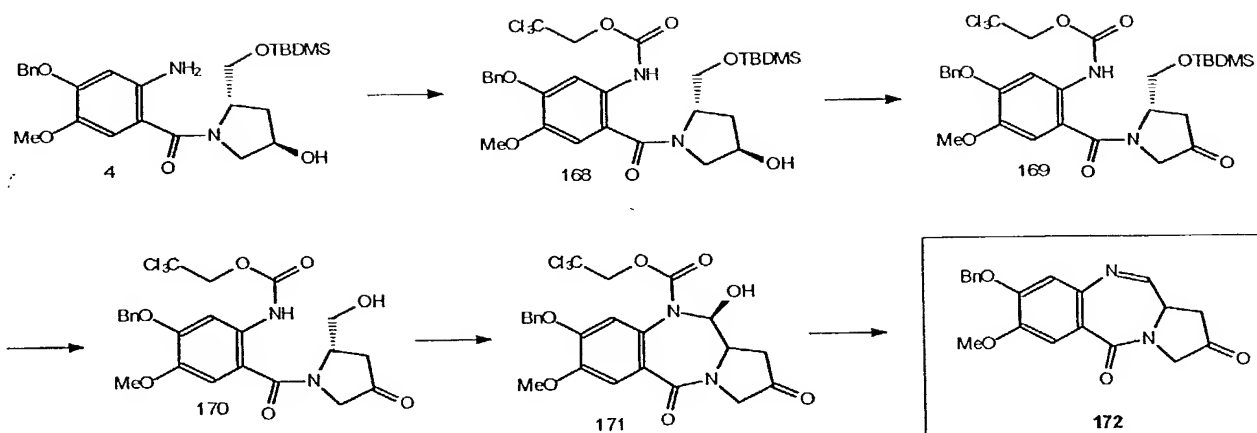
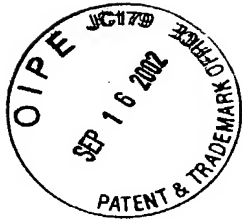


Figure 13



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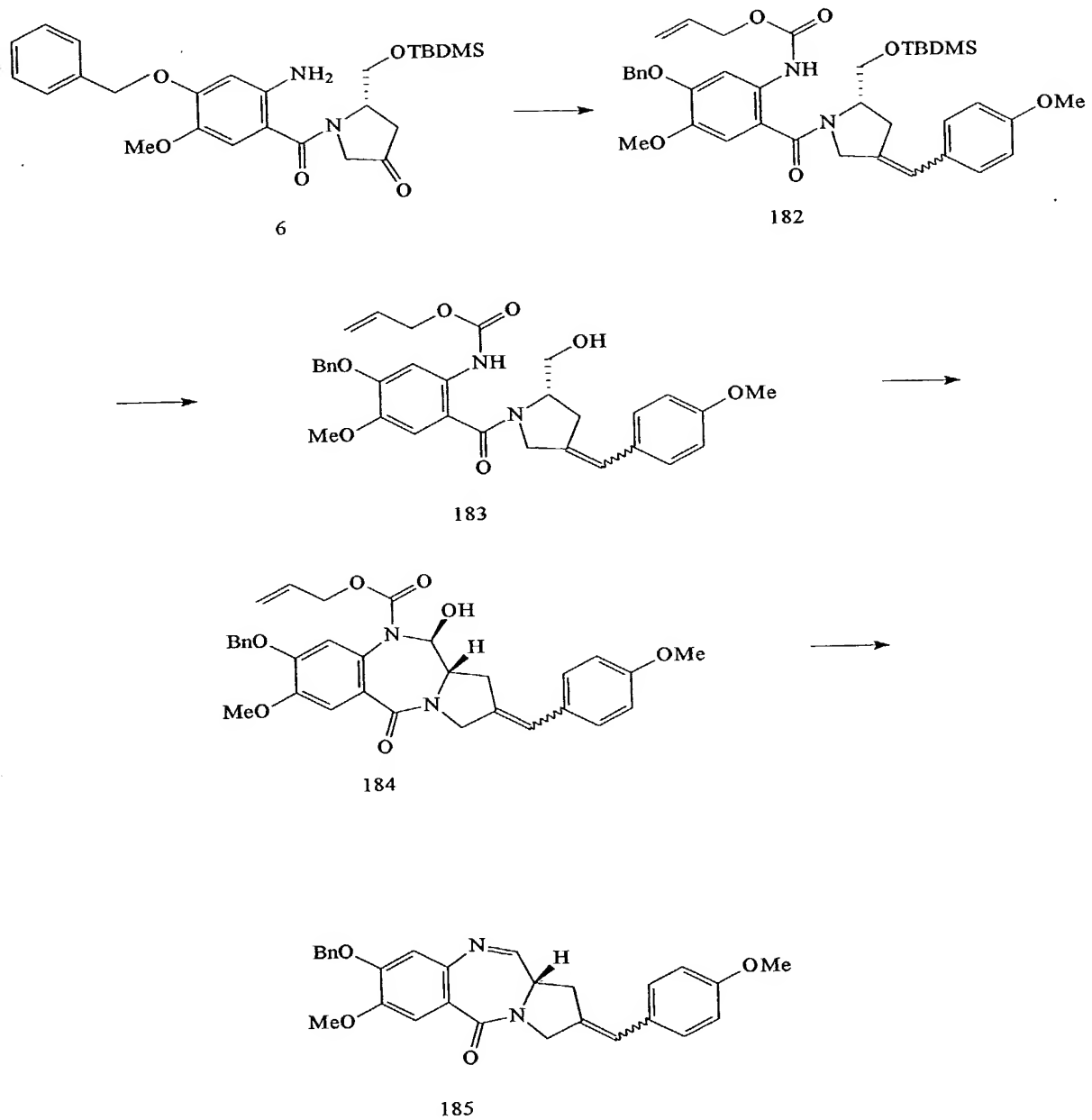
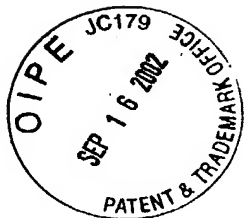


Figure 14



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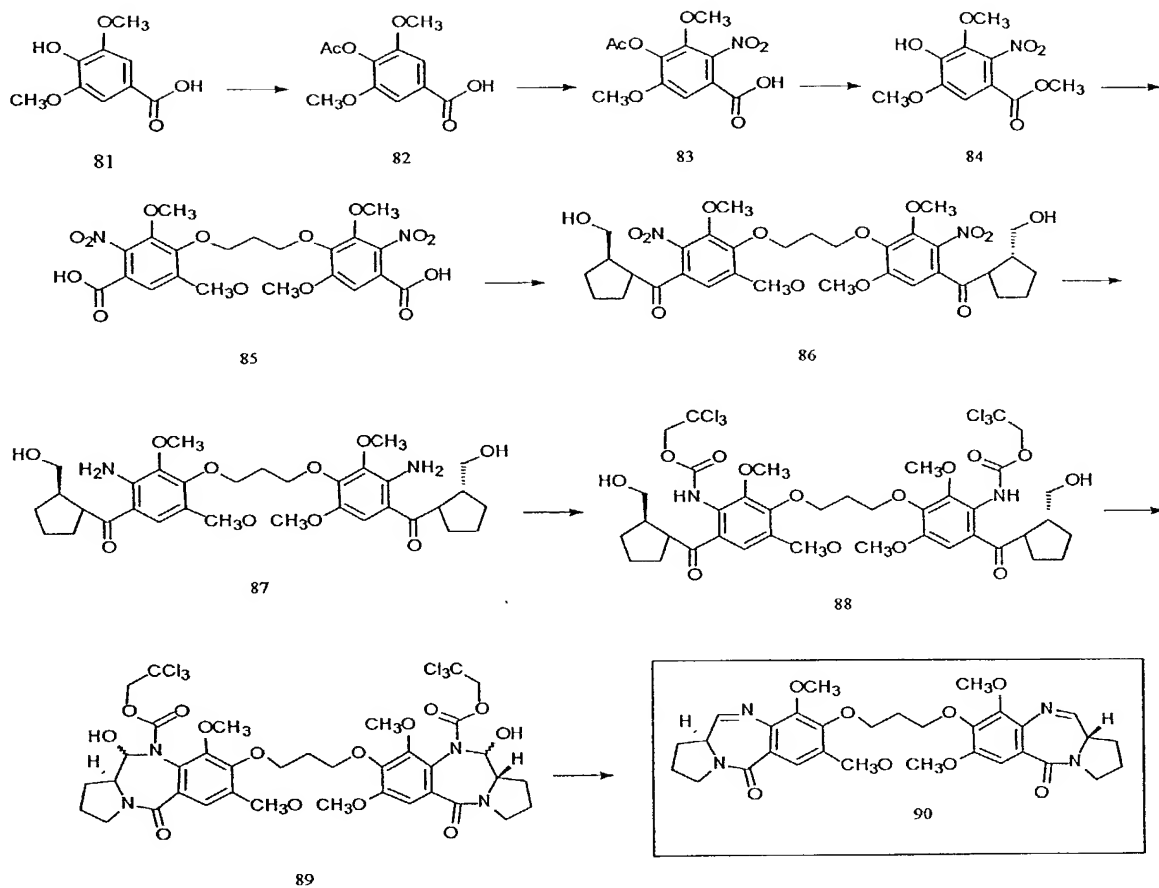
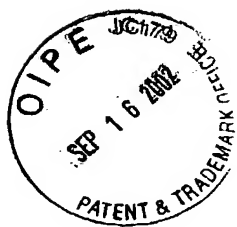


Figure 15



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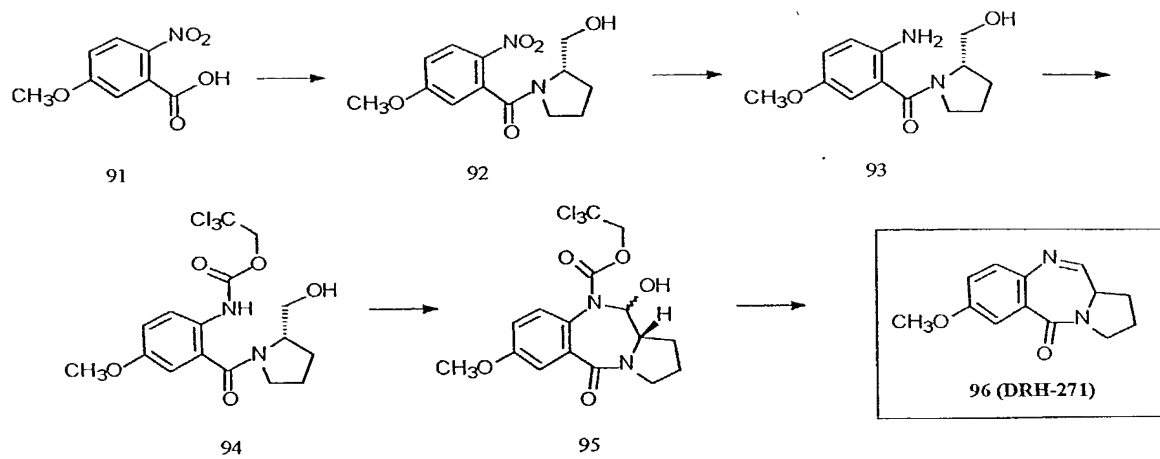
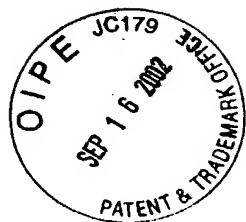


Figure 16



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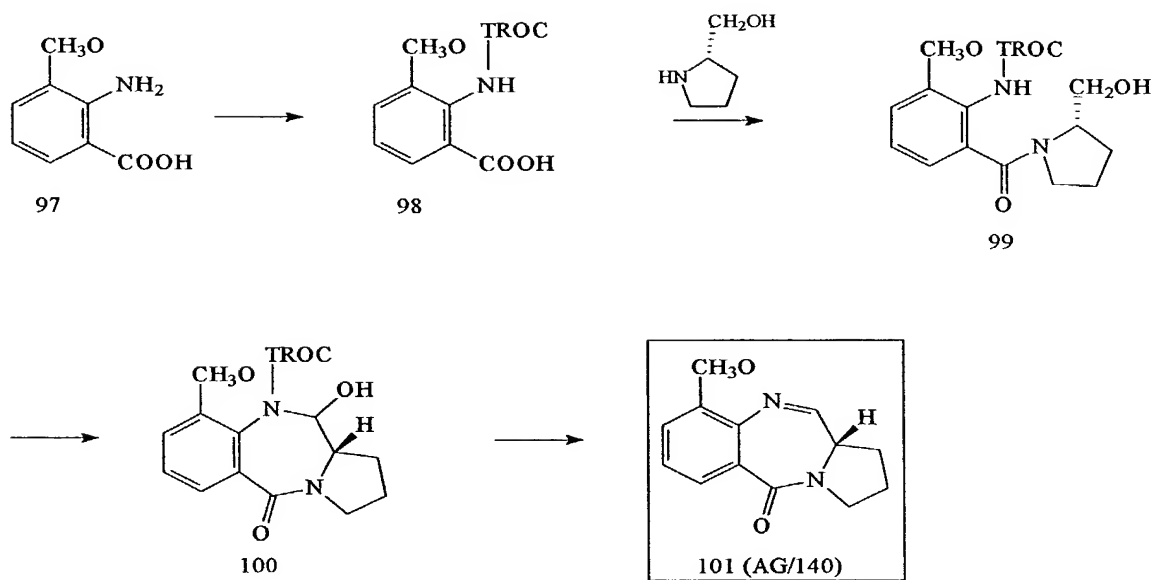


Figure 17

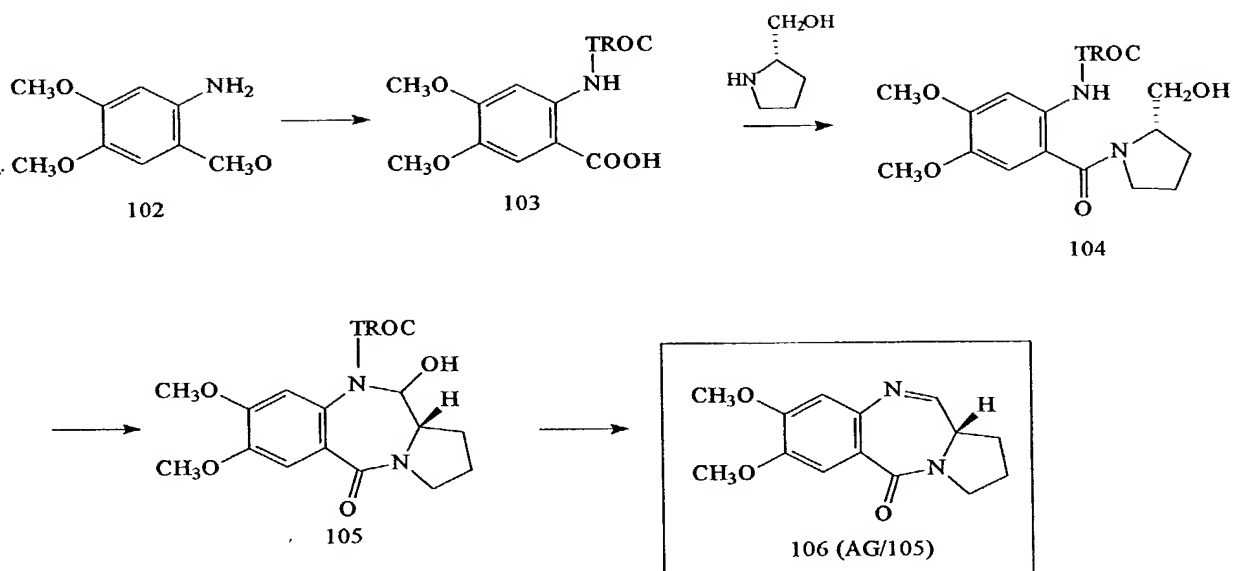
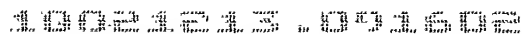
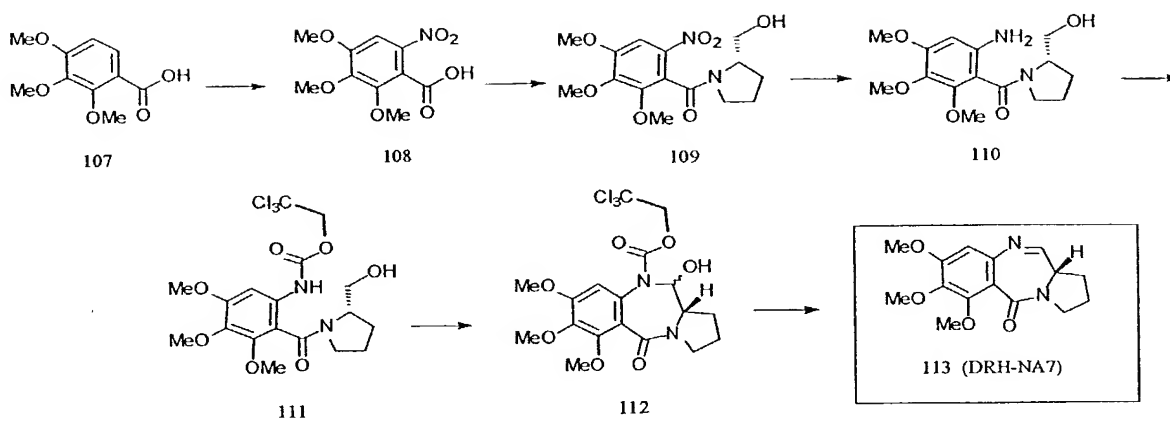
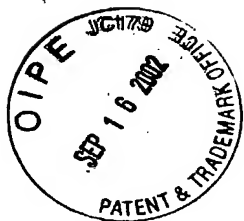


Figure 18



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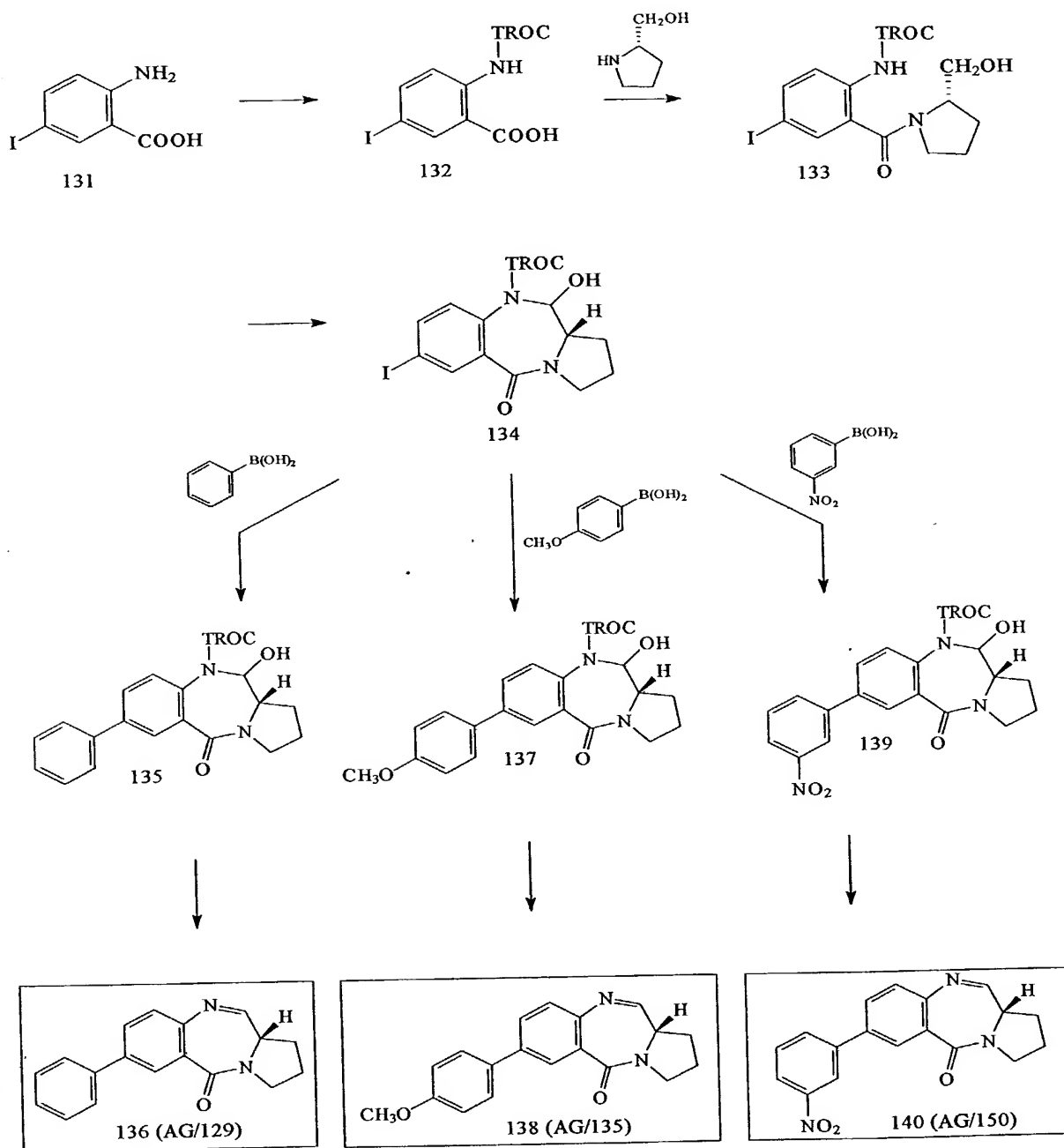
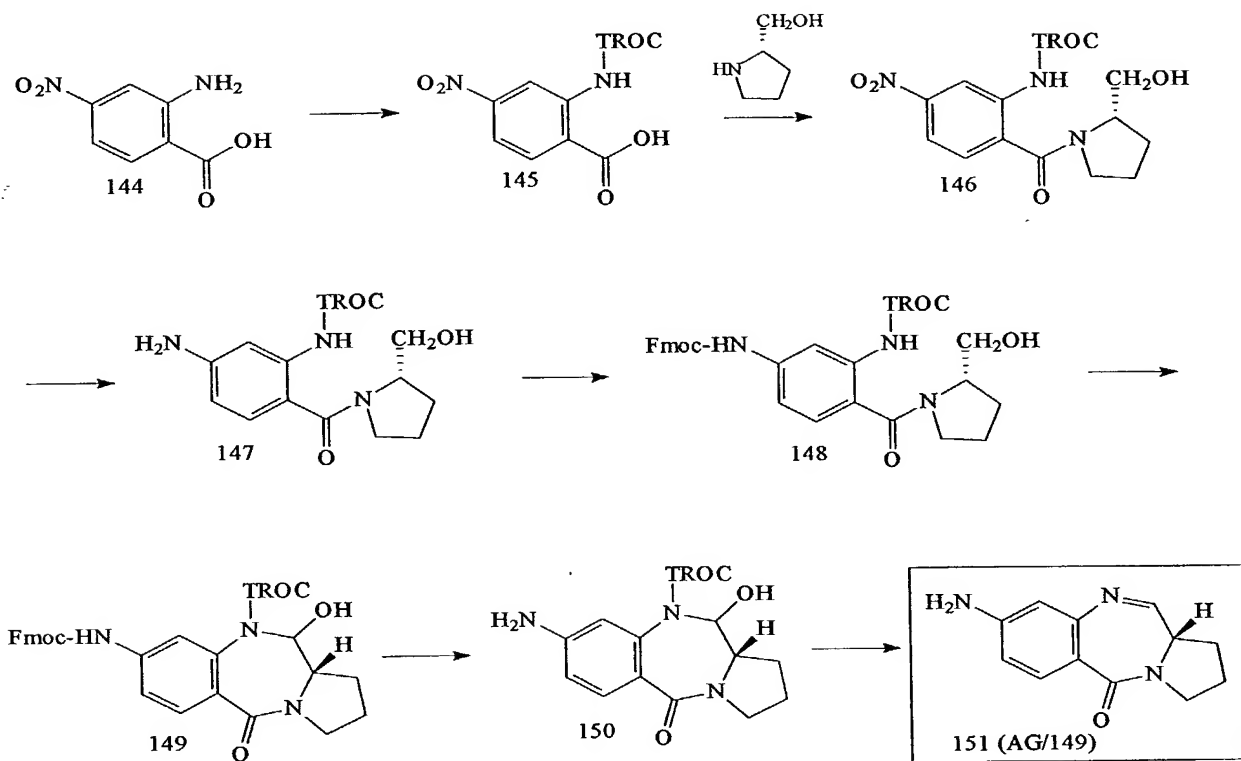
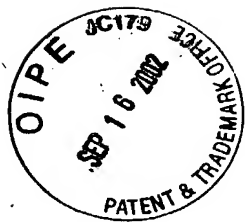


Figure 22

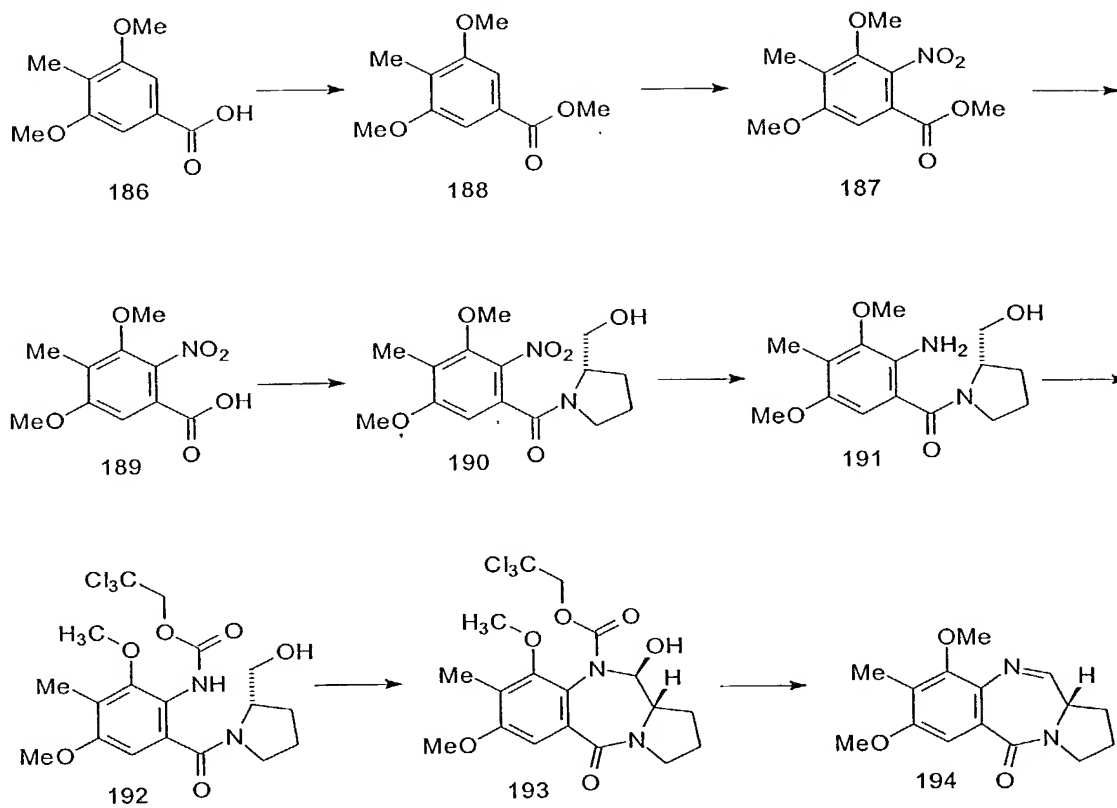
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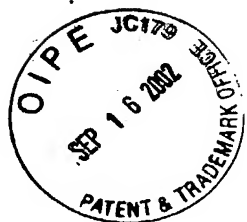




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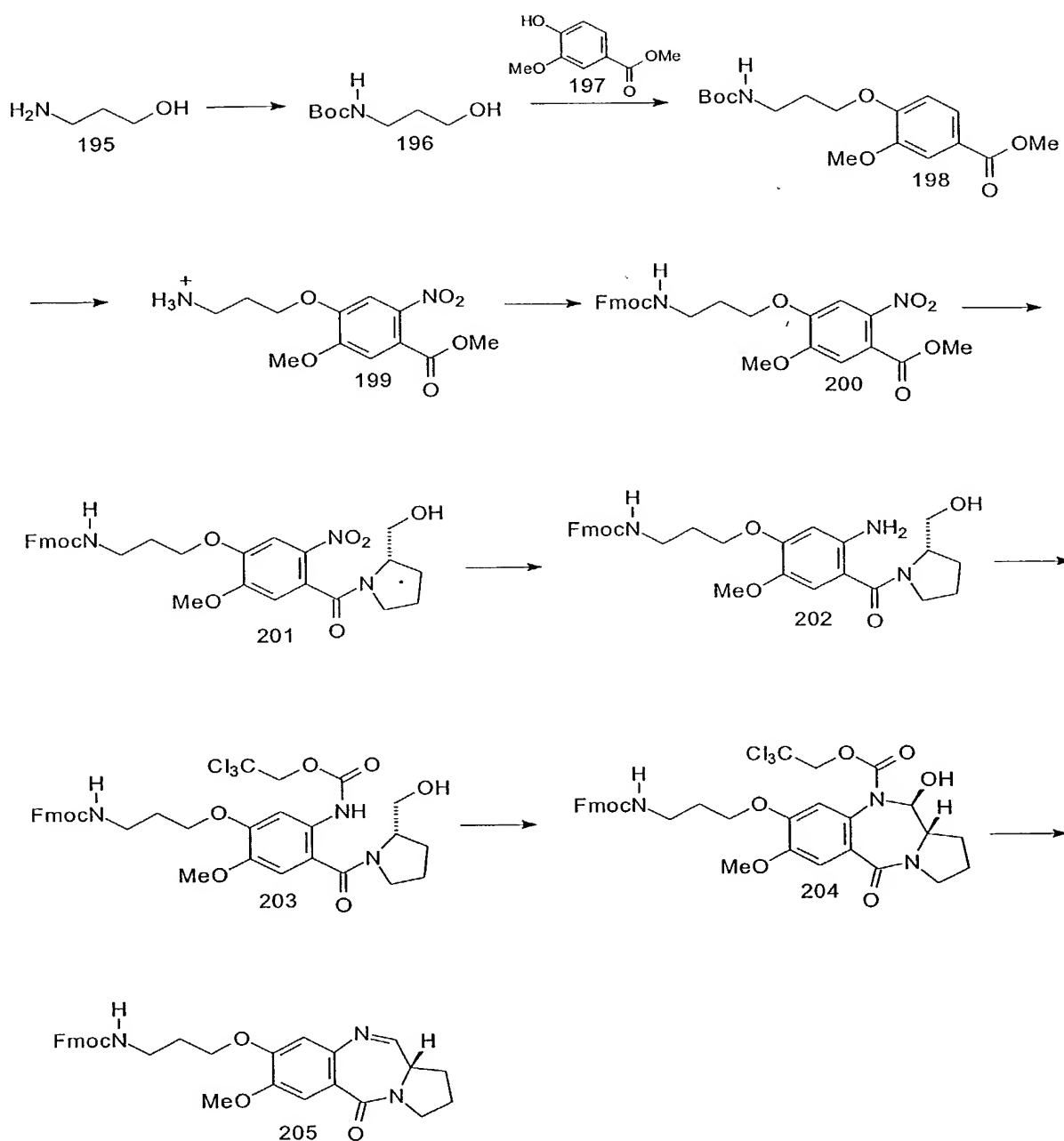
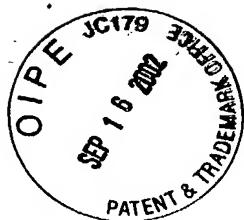


Figure 26



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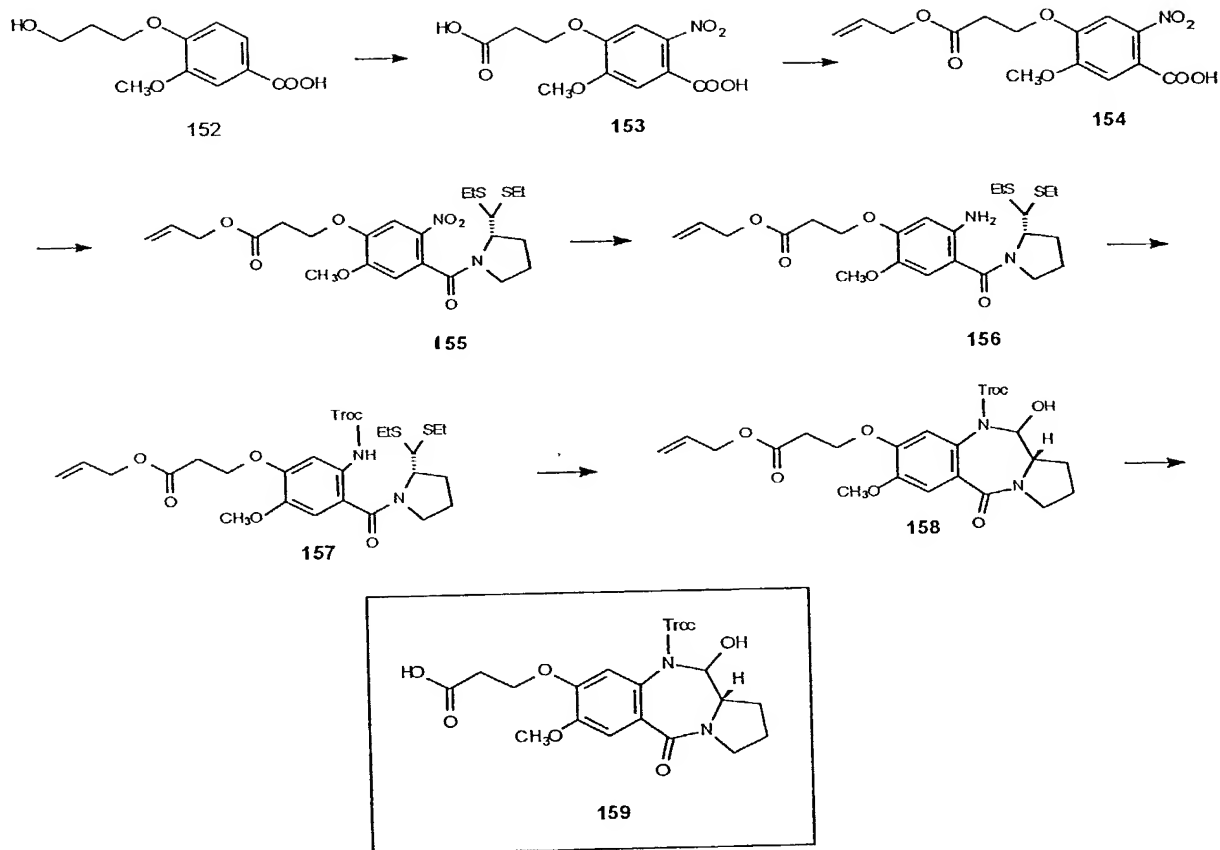
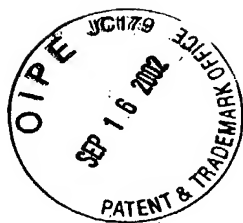
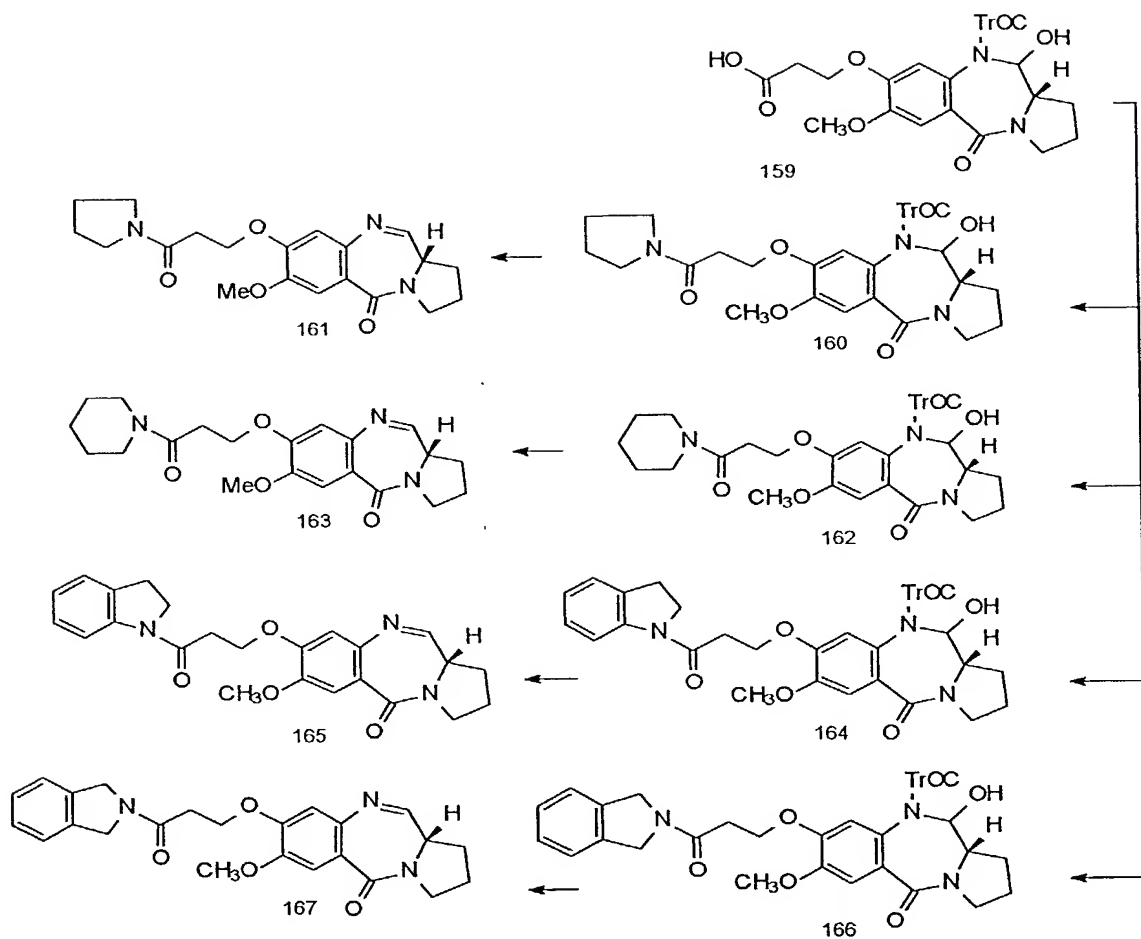


Figure 27

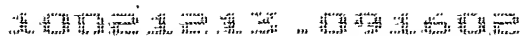
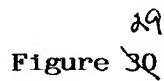
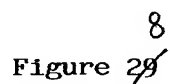


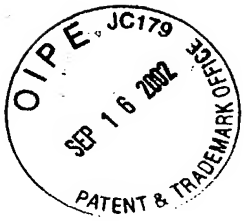
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Figure 28


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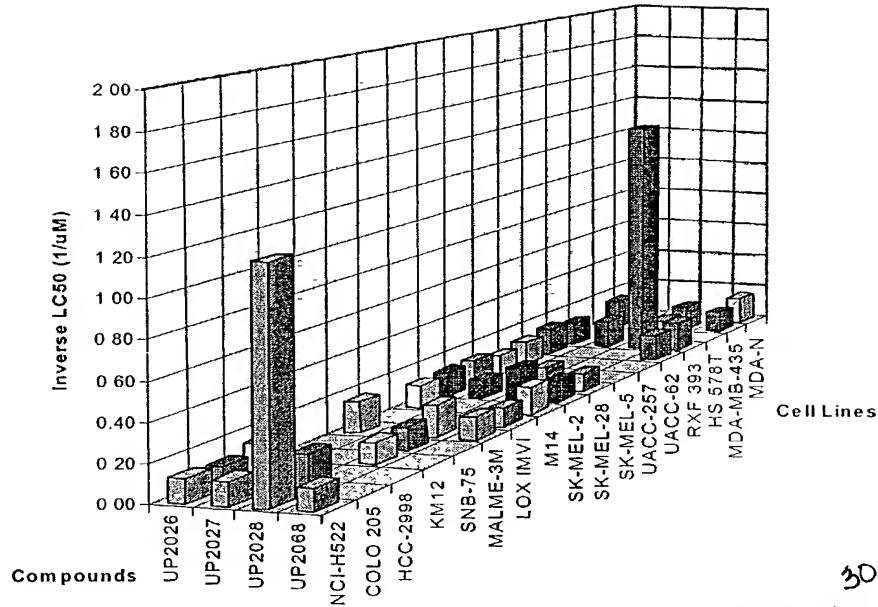


Figure 31

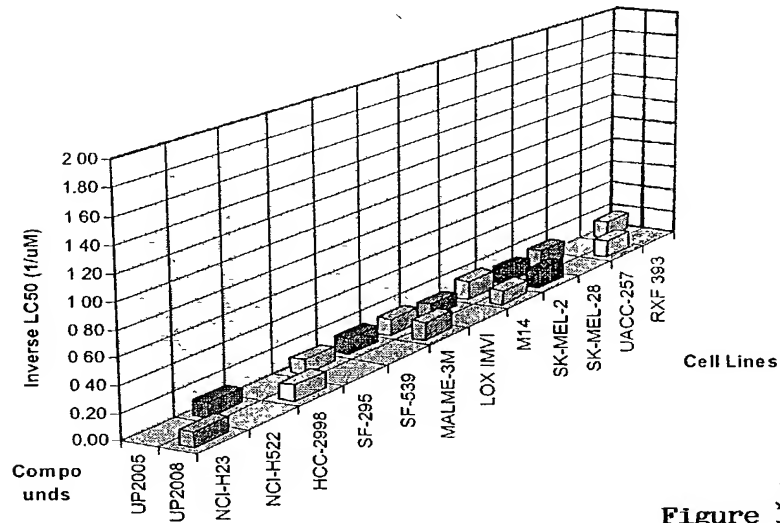


Figure 32